



Stantec

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November 13, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
Madison County E911
560 S. Keeneland Dr
Richmond, KY 40475**

The Geospatial Audit of Madison County E911 located in Madison County was conducted on 10/28/2008. Madison County E911 provides wireless 9-1-1 service for Madison County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Madison County E911 meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 90% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 100% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 90% of calls tested meeting criteria

Based on the results of the audit, Madison County E911 meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name *Madison County E911*

Address 560 S. Keeneland Dr

Audit Date 10/28/2008

City Richmond

Audit Personnel MCCORMICK

Contact Mary S. Mullins

Contact Title Asst. Supervisor

Software	Version	Vendor
CIS	2.3	COMPUTER INFO

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☐

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

The map has 6 layers: Structures, Roads, Hydrants, C-Sepp Zones, City Limits, County

Notes and Observations:

Observation and comments: Individual present during the audit were Wendy Lynch 911 Director and Tom Moreland GIS Coordinator

The data from the map and the wireless calls were obtained by Marie Matthews

The map was last updated in August 2008, the frequency of updates is quarterly. The data is collected by the Gis Coordinator - Tom Moreland and the data is entered into the system by Computer Information Systems - Steve Lamb